

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. BROADRE.23CP1C1	APPLICATION NO. 10/621,010
	APPLICANT Broadley, et al.	
	FILING DATE July 15, 2003	GROUP 1755 1746

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
<i>BB</i>	1	3,410,779	11/12/68	Whitehead Jr., et al.	—	—	
<i>BB</i>	2	3,463,717	08/26/69	Koopman, et al.	—	—	
<i>BB</i>	3	3,677,844	07/18/72	Fleischer, et al.	—	—	
<i>BB</i>	4	4,886,505	12/12/89	Haynes, et al.	—	—	
<i>BB</i>	5	5,641,808	06/24/97	Gaffney, et al.	—	—	
<i>BB</i>	6	6,425,995	07/30/02	Fletcher, et al.	—	—	
<i>BB</i>	7	6,495,012	12/17/02	Fletcher, et al.	—	—	
<i>BB</i>	8	6,559,409	07/29/03	Broadley, et al.	—	—	
<i>BB</i>	9	2001/0045357	11/29/01	Broadley, et al.	—	—	
<i>BB</i>	10	2002/0189943	12/19/02	Fletcher, et al.	—	—	
<i>BB</i>	11	2003/0168354	09/11/03	Broadley, et al.	—	—	
<i>BB</i>	12	2003/0178305	09/25/03	Catalano, et al.	—	—	
<i>BB</i>	13	2004/011647	01/22/04	Broadley, et al.	—	—	
<i>BB</i>	14	2004/0195098	10/07/04	Broadley, et al.	—	—	

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>BB</i>	15	EP 0 761 094 A1	03/12/97	EUROPE	—	—	X	
<i>BB</i>	16	DE 12 17 657 B	05/26/66	GERMANY	—	—		X
<i>BB</i>	17	JP 08-285811	01/11/96	JAPAN	—	—	X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
<i>BB</i>	18	International Search Report dated November 11, 2004 for International Application No. PCT/US03/21156.

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EXAMINER <i>Bruce Bell</i>	DATE CONSIDERED <i>12/26/06</i>
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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		FILING DATE July 15, 2003	GROUP H53 / 746

USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
BB	1	2,595,042	04/29/52	Wyllie	—	—	
BB	2	3,445,368	05/20/69	M. Detemple	—	—	
BB	3	3,528,904	09/15/70	Cliffgard	—	—	
BB	4	3,607,702	09/21/71	Haller	—	—	
BB	5	3,758,936	09/04/73	Neuwelt	—	—	
BB	6	3,915,829	10/28/75	Krebs	—	—	
BB	7	3,917,523	11/04/75	Stein et al.	—	—	
BB	8	3,926,765	12/16/75	Haddad	—	—	
BB	9	4,002,547	01/11/77	Neti et al.	—	—	
BB	10	4,012,308	03/15/77	Jerrold-Jones et al.	—	—	
BB	11	4,177,126	12/04/79	Imaki et al.	—	—	
BB	12	4,366,040	12/28/82	Marsoner et al.	—	—	
BB	13	4,495,052	01/22/85	Brezinski	—	—	
BB	14	4,592,823	06/03/86	Gregory	—	—	
BB	15	4,592,824	06/03/86	Smith et al.	—	—	
BB	16	4,818,366	04/04/89	Yonco et al.	—	—	
BB	17	5,360,529	11/01/94	Edwards et al.	—	—	
BB	18	5,397,452	03/14/95	Buck et al.	—	—	
BB	19	5,632,876	05/23/97	Zanzucchi et al.	—	—	
BB	20	6,165,336	12/26/00	Maki et al.	—	—	

EXAMINER

Bruce Bell

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							YES	NO
BB	21	WO 99/56954	11/11/99	PCT				
BB	22	WO 99/83334 A1	12/09/99	PCT				
BB	23	WO 01/75430 A2	10/11/01	PCT				
BB	24	GB 2 093 193 A	08/25/82	UK				
BB	25	JP 10104193-A2	04/24/98	JAPAN			X	
BB	26	JP 11258197-A2	09/24/99	JAPAN			X	
BB	27	2 541 4624	02/17/83	FRANCE			X	

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
BB	28	Brezinski, Donald, <i>Kinetic, static and stirring errors of liquid junction reference electrodes</i> , Coming Glass Works, April 1983: Vol 108, No. 1285, pp 425-442
BB	29	Illingworth, John, <i>A common source of error in pH measurements</i> Biochem. J. (1981) 195,259-262 2
BB	30	Covington et al., <i>Improvements in the precision of Ph measurements a laboratory reference electrode with renewable free-diffusion liquid junction</i> , Analytica Chemical Acta, 169(1985) 221-229 2
BB	31	Dohner et al., <i>Reference electrode with free-flowing free-diffusion liquid junction</i> , Analytical Chemistry, Vol 68, No. 12 (1986) pp 2585-2589 2
BB	32	Nishizawa, M. et al.: <i>Metal nanotubule membranes with electrochemically switchable ion-transport selectivity</i> , Science, American Assoc for the advancement of science: 268, 700-702 (1995) 2
BB	33	Peters, G.: <i>A reference electrode with free-diffusion liquid junction for electrochemical measurements under changing pressure conditions</i> , Analytical Chemistry, US American Chemical Society: 69:13 2362-2366 (1997) 2
BB	34	Suzuki et al., <i>"Microfabricated Liquid Junction Ag/AgCl Reference Electrode and its Application to a One-Chip Potentiometric Sensor</i> , Anal. Chem. Vol. 71, No. 22, pp. 5069-5075, November 15, 1999
BB	35	Hulteen, J.C. et al. (1997) <i>A general template-based method for the preparation of nanomaterials</i> . J. Matr. Chem. 7(7):1075-1087. 2

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EXAMINER <i>Bonnie Hall</i>	DATE CONSIDERED <i>12/26/06</i>
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* No search available